



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

## DATA MATRIX

Date: 5/10/2017	EPA Reg No./ File Symbol: 88541-1	Page 1 of 3
Applicant's/Registrant's Name and Address: Willowood Lambda Cyhalothrin, LLC c/o Wagner Regulatory Associates Inc. P.O. Box 640 Hockessin, DE 19707	Product: Willowood Lambda-Cyhalothrin Technical	
Ingredient: Lambda-Cyhalothrin		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
<b>PRODUCT SPECIFIC</b>					
830.1550, 830.1600, 830.1650, 830.1670,	Product identity, composition/Description of materials Used to Produce the Product/Description of Formulation Process/Discussion of Formation of Impurities	48527101 49939701	Willowood Lambda Cyhalothrin, LLC	Own	
830.1700	Preliminary Analysis	48539401 49939702	Willowood Lambda Cyhalothrin, LLC	Own	
830.1750	Certification of Limits		Willowood Lambda Cyhalothrin, LLC	Own	1
830.1800	Enforcement Analytical Method	48539401 49939702	Willowood Lambda Cyhalothrin, LLC	Own	
830.6302	Color	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6303	Odor	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6304	Physical State	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6313	Stability to Normal & Elevated Temperatures	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6314	Oxidation/Reduction	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6315	Flammability	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6316	Explosibility	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6317	Accelerated Storage Stability	48909001	Willowood Lambda Cyhalothrin, LLC	Own	
830.6319	Miscibility	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.6320	Corrosion Characteristics	48909001	Willowood Lambda Cyhalothrin, LLC	Own	
830.7000	pH	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7050	UV/Visible Light Absorption	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7100	Viscosity	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7200	Melting Point	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7220	Boiling Point	48527103	Willowood Lambda Cyhalothrin, LLC	Own	

Signature 	Name and Title Cheryl Wagner, Agent for Willowood Lambda Cyhalothrin, LLC	Date 5/10/2017
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Ingredient: Lambda-Cyhalothrin		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	Relative Density	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7370	Dissociation Constants in Water	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7550	Octanol/Water Partition Coefficient	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7840	Water Solubility	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
830.7950	Vapor Pressure	48527103	Willowood Lambda Cyhalothrin, LLC	Own	
870.1100, 870.1200, 870.1300, 870.2400, 870.2500, 870.2600 and Generic Data	Acute Oral Toxicity, Acute Dermal Toxicity, Acute Inhalation Toxicity, Primary Eye Irritation, Primary Dermal Irritation, Skin Sensitization and Generic Data	Cite All	Bonide Products, Oriskany, NY	Pay	
			Syngenta Crop Protection, LLC, Greensboro, NC		
			Nufarm Americas, Morrisville, NC		
			The Scotts Company, Marysville, OH		
			Bayer Crop Science LP, RTP, NC		
			Macdermid Agricultural Solutions, Inc., Cary, NC		
			BASF Corporation, RTP, NC		
			Intervet Inc., Summit, NJ		
			McLaughlin Gormley King Co., Minneapolis, MN		
			Pacific Chemical, Kirkland, WA		
			Chemsico, St. Louis, MO		
			Syngenta Crop Protection, Greensboro, NC		
			Adama Makhteshim, Raleigh, NC		
			Drexel Chemical Co, Memphis, TN		
			Control Solutions, Inc. Pasadena, TX		
			Valent USA Corp., Walnut Creek, CA		
			Sipcam Agro USA, Inc., Durham, NC		
			Dow Agrosciences, LLC, Indianapolis, IN		
			Management Contract Services, Inc., Valdosta, GA		
			Jesmond Holding Ag, Salem, VA		

Signature 	Name and Title Cheryl Wagner, Agent for Willowood Lambda Cyhalothrin, LLC	Date 5/10/2017
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Ingredient: Lambda-Cyhalothrin		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Pyrethoid Working Group, Washington, DC		
			Makhteshim-Agan of North America Inc., Raleigh, NC		
			Spray Drift Task Force, Washington, DC		
			Certis USA, LLC, Columbia, MD		
			United Phosphorus, Inc., King of Prussia, PA		
			LG Chem, LTD, Clifton, VA		
			Central Garden & Pet, Schaumburg, IL		
			Outdoor Residential Exposure Task Force, Washington, DC		
			Agricultural Reentry Task Force, Washington, DC		
			Non-dietary Exposure Task Force, Washington, DC		
			FIFRA Endangered Species Task Force, Washington, DC		
			Helm Agro US, Inc., West Chester, PA		
			Residential Exposure Joint Venture, Washington, DC		
			Agricultural Handlers Exposure Task Force, Macon, MO		
			Winfield Solutions, St. Paul, MN		
			GAT Microencapsulation Ag, Ebenfurth, AUT		
			Generic Endangered Species Task Force, Gig Harbor, WA		
			Arcana, LLC, Johnstown, CO		
			Kaizen Technologies, LLC, Johnstown, CO		
			Smartvet USA, Inc., Olathe, KS		
			Liberty Crop Protection, Loveland, CO		

Footnotes: 1) Certification of Limits is provided in the Confidential Statement of Formula EPA form 8574-4

Signature 	Name and Title Cheryl Wagner, Agent for Willowood Lambda Cyhalothrin, LLC	Date 5/10/2017
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